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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re: Patent Application of HERZ et al

Serial No.: 08/551,198

Filed: October 31, 1995

For: SYSTEM FOR CUSTOMIZED ELECTRONIC IDENTIFICATION OF DESIRABLE OBJECTS

Docket No.: 6099/002

Examiner: Unknown

Group Art Unit: Unknown



**CERTIFICATE OF MAILING (37 CFR 1.8)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, DC 20231.

29 January 1996
Date

James M. Graziano
James M. Graziano

**TRANSMITTAL LETTER**

The Assistant Commissioner
For Patents
Washington, DC 20231



Dear Sir:

Enclosed for filing is a Letter Accompanying Information Disclosure Statement, Information Disclosure Citation ( Form PTO-1449), and copies of the references cited.

It is believed that no fees are due in this matter; however, if a fee is due the Commissioner is authorized to charge deposit account No. 04-1697.

Respectfully submitted,

DUFT, GRAZIANO & FOREST, P.C.

Date: 29 January 1996

By: James M. Graziano

James M. Graziano #28,300
1790 - 30th Street, Suite 140
Boulder, Colorado 80301
(303) 449-9497

DN: 6099/002

GP. 2415

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



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## LETTER ACCOMPANYING INFORMATION DISCLOSURE STATEMENT



The Assistant Commissioner
For Patents
Washington, DC 20231

Dear Sir:

U.S. Patent No. 4,529,870 issued July 16, 1985 to D. Chaum discloses a cryptographic device which is personalized by a user to perform financial transactions with an external computer. The terminal device uses an identification card to verify the identity of the user.

U.S. Patent No. 4,759,063 issued July 19, 1988 to D. Chaum discloses a cryptographic system for encoding messages using blind signatures. Secret keys are used to develop a digital signature to authenticate the created document.

U.S. Patent No. 4,914,698 issued April 3, 1990 to D. Chaum discloses a cryptographic system for generating blind signatures. The signatures are configured to be unconditionally untraceable if shown no more than once.

U.S. Patent No. 4,926,480 issued May 15, 1990 to D. Chaum discloses a user controlled card computer for use with a tamper proof terminal device. The card computer, when inserted in the terminal device regulates communication between the user and an external computer, using cryptographic techniques.

U.S. Patent No. 4,947,430 issued August 7, 1990 to D. Chaum discloses a cryptographic system for generating and decoding blind signatures. The verification of the

signed document is provided by a checking party and the signatures generated are undeniable.

U.S. Patent No. 4,987,593 issued January 22, 1991 to D. Chaum discloses a cryptographic system for generating blind signatures. The signatures are configured to be unconditionally untraceable if shown no more than once. In addition, the signatures are responsive to different challenges to reveal predetermined information.

U.S. Patent No. 5,131,039 issued July 14, 1992 to D. Chaum discloses a user controlled card computer for use with a tamper proof terminal device. The card computer, when inserted in the terminal device regulates communication between the user and an external computer, using cryptographic techniques. The terminal device operates to ensure that the transactions are unlinkable.

U.S. Patent No. 5,247,736 issued January 4, 1994 to D. Chaum discloses a user controlled card computer for use with a tamper proof terminal device. The card computer, when inserted in the terminal device regulates communication between the user and an external computer, using cryptographic techniques. The terminal device operates to ensure that the transactions are unlinkable.

U.S. Patent No. 5,373,558 issued December 13, 1994 to D. Chaum discloses a cryptographic system for verifying digital signatures on documents. The signature is confirmed by a second party when the document is issued by the signer. A verifier party can later ensure the accuracy of the signature by means of the signer and confirmor signatures contained on the document.

U.S. Patent No. 5,410,344 issued April 25, 1995 to G.T. Graves et al discloses a system for selecting video programs based upon a viewer's preferences. A viewer preference file is maintained and compare to a content file for the video programs. When the content file matches the viewer preference file, the video program is transmitted to the viewer.

U.S. Patent No. 5,136,501 issued August 4, 1992 to D.L. Silverman and discloses a trading system which automatically matches bids against offers to complete trades. The system operates in an anonymous mode wherein the identity of the parties is maintained in confidence.

The paper by M. Damashek discloses a language independent system for identifying documents of similar content.

The G. Salton paper discloses a system for automated text retrieval. This system uses automated indexing to generate key words which can be used to identify documents of similar content for retrieval.

The Chaum paper discloses a system for managing electronic cash using blind signature cryptographic techniques.

The S. Loeb papers discloses a system for the personalized delivery of multimedia information. The system is presented in the form of LyricTime, a personalized music delivery system which identifies musical selections for a user based upon the user's preferences and mood.

The Foltz paper provides an analysis of various known information filtering techniques.

The Belkin paper provides a comparison of various known information filtering techniques and various known information retrieval techniques.

The Chalmers paper discloses a prototype system for graphically based exploration for information. A three-dimensional space is populated with points, each of which represents an article in the document population. The relative nearness of points to other points represents similarity of content of the documents which they represent.

The Willett paper reviews recent work on hierarchic agglomerative clustering methods for document retrieval. This paper discusses the calculation of interdocument similarities and their use in document retrieval.

Respectfully submitted,

DUFT, GRAZIANO & FOREST, P.C.

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